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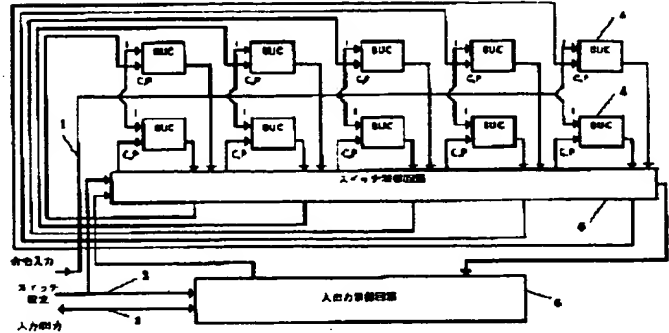PUBLICATION NUMBER : 10091216
PUBLICATION DATE : 10-04-98

APPLICATION DATE : 12-09-96
APPLICATION NUMBER : 08242350

APPLICANT : LOGIC RES:KK;

INVENTOR : YASUURA HIROTO;

INT.CL. : G05B 19/05

TITLE : PROGRAMMABLE SEMICONDUCTOR DEVICE

ABSTRACT : PROBLEM TO BE SOLVED: To obtain the semiconductor device which can alter complicated control and functions by arranging sequence control processing circuits, which can correct and alter functions through program operation from outside, in array.

SOLUTION: The semiconductor device is provided with basic unit cells 4 each consisting of a controller part which inputs and stores an input variable instruction set from outside and a data bus part which inputs an input to be processed, performs specific operation for the input to be processed according to the variable instruction set stored in the controller part, and outputs a process output, and also provided with a switch control circuit 5 which switches connection relation of input and output among the basic unit cells 4.

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